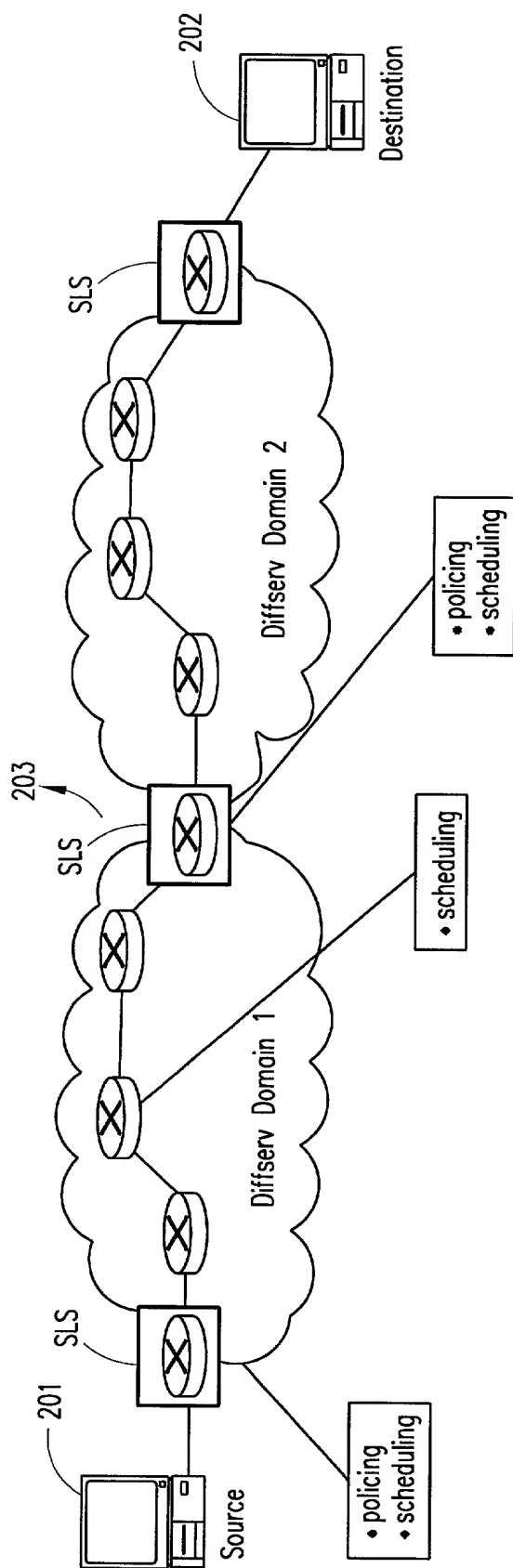
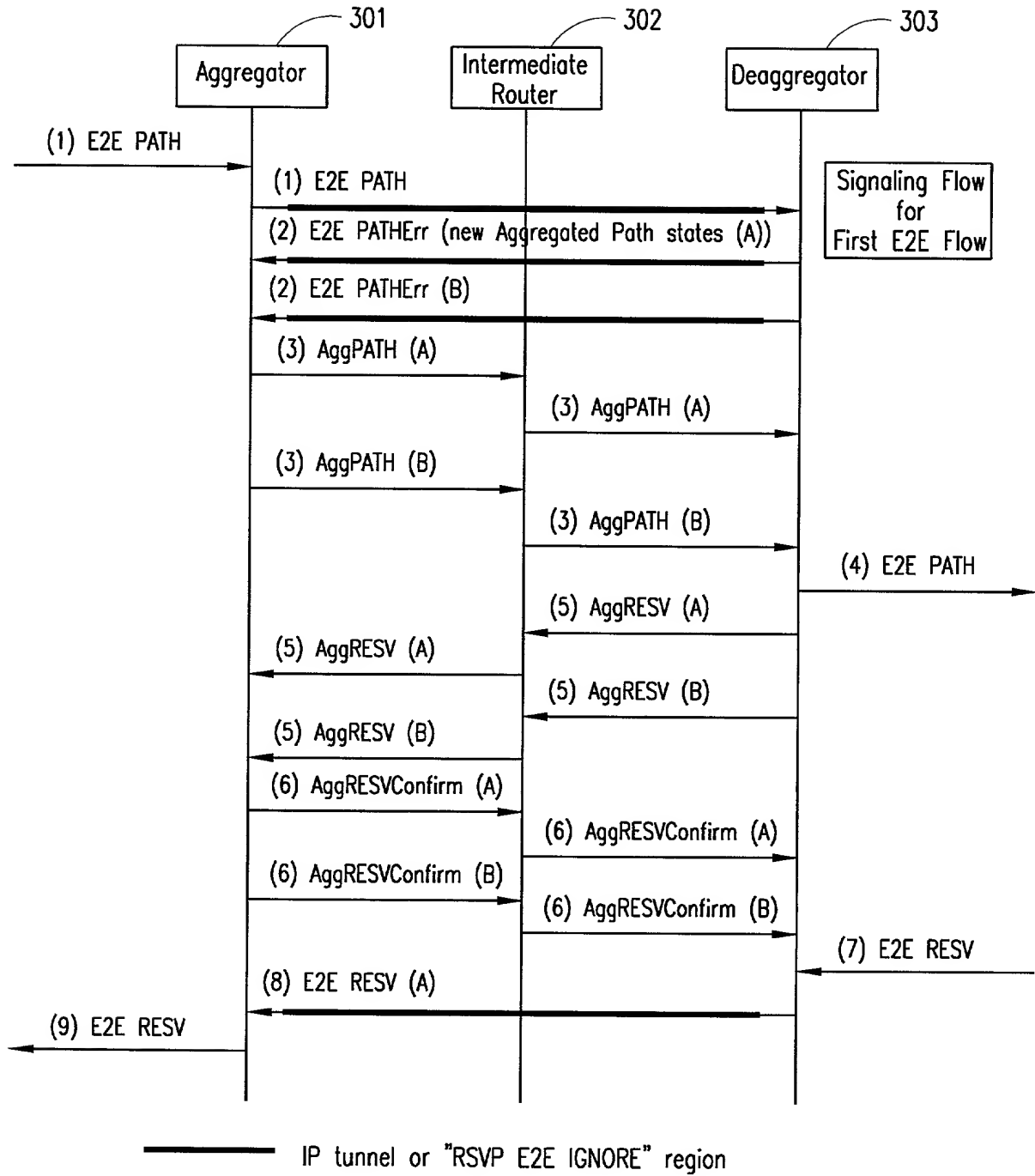
**FIG. 1**



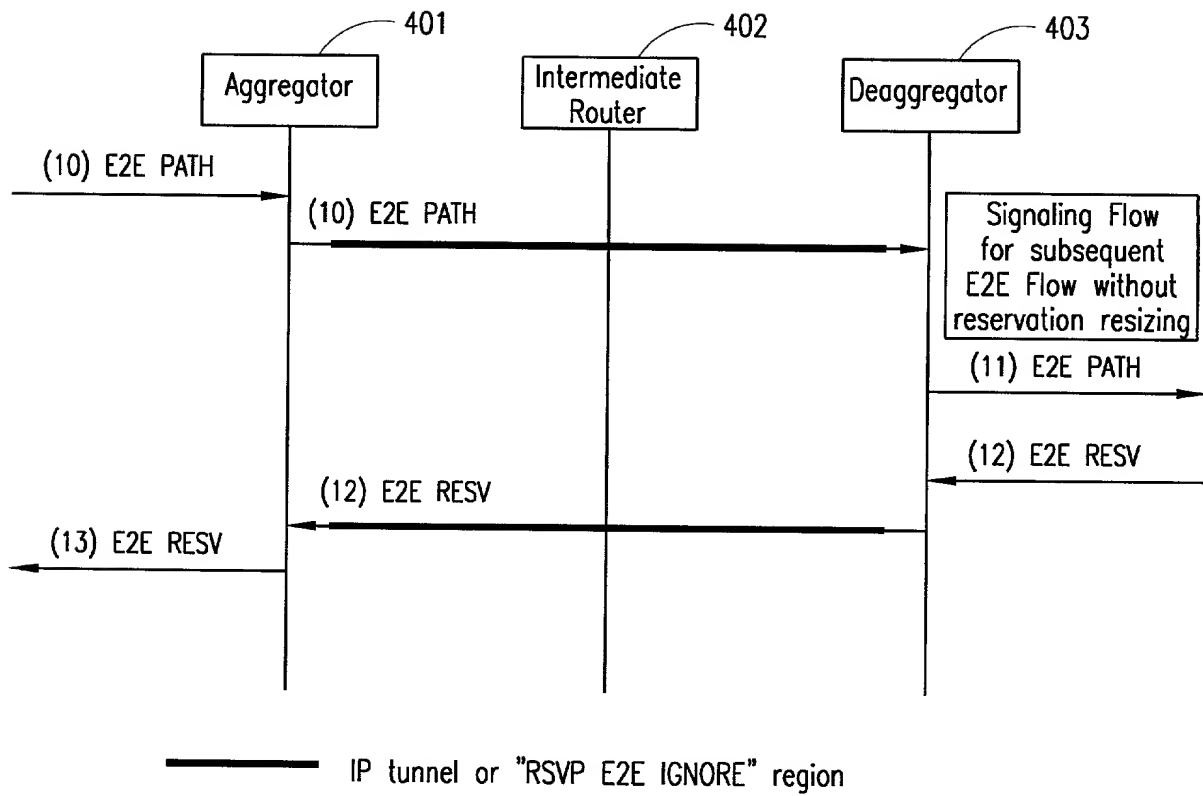
Differentiated services framework

FIG. 2



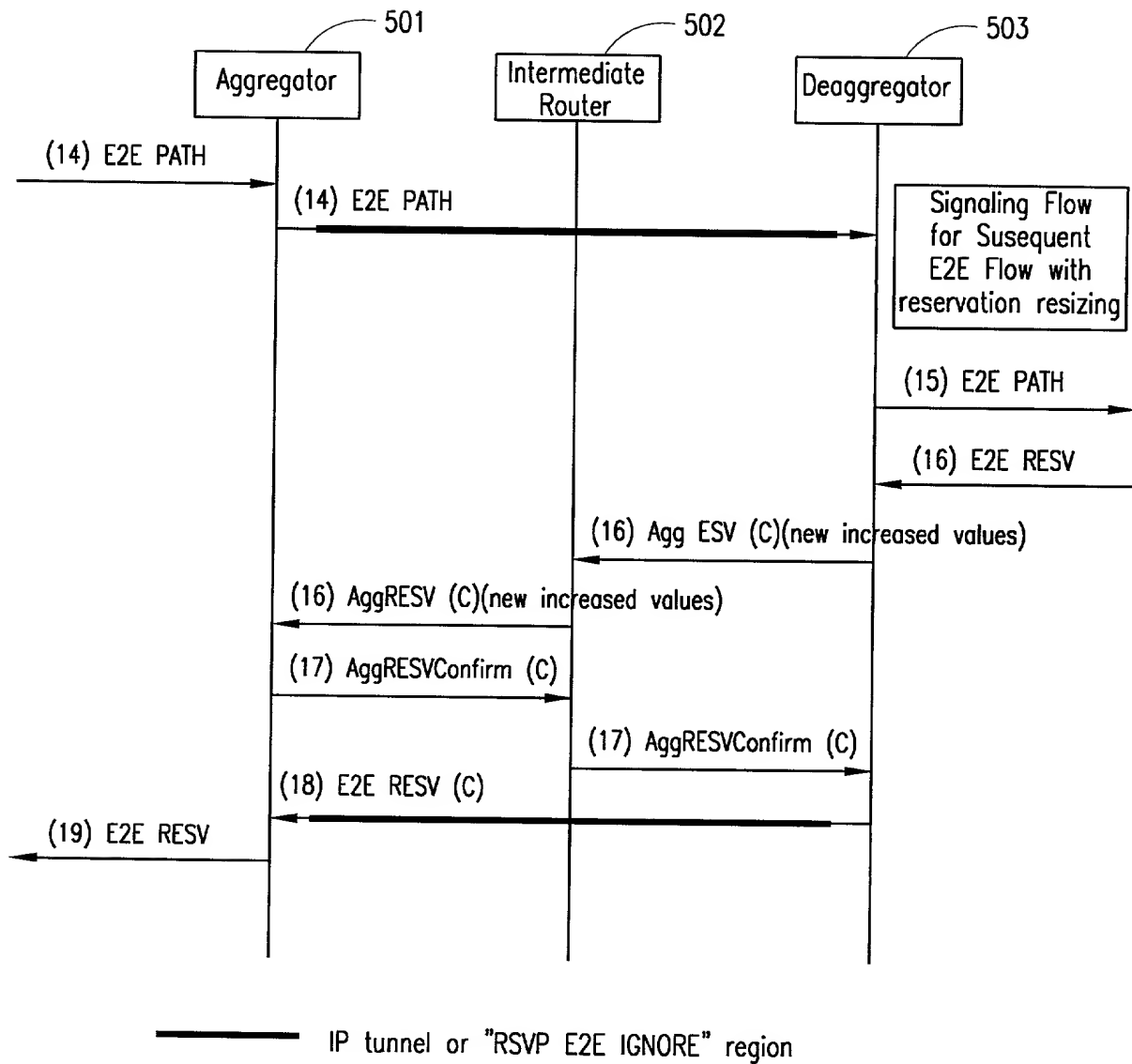
RSVP aggregation signaling flow for first E2E flow

FIG. 3



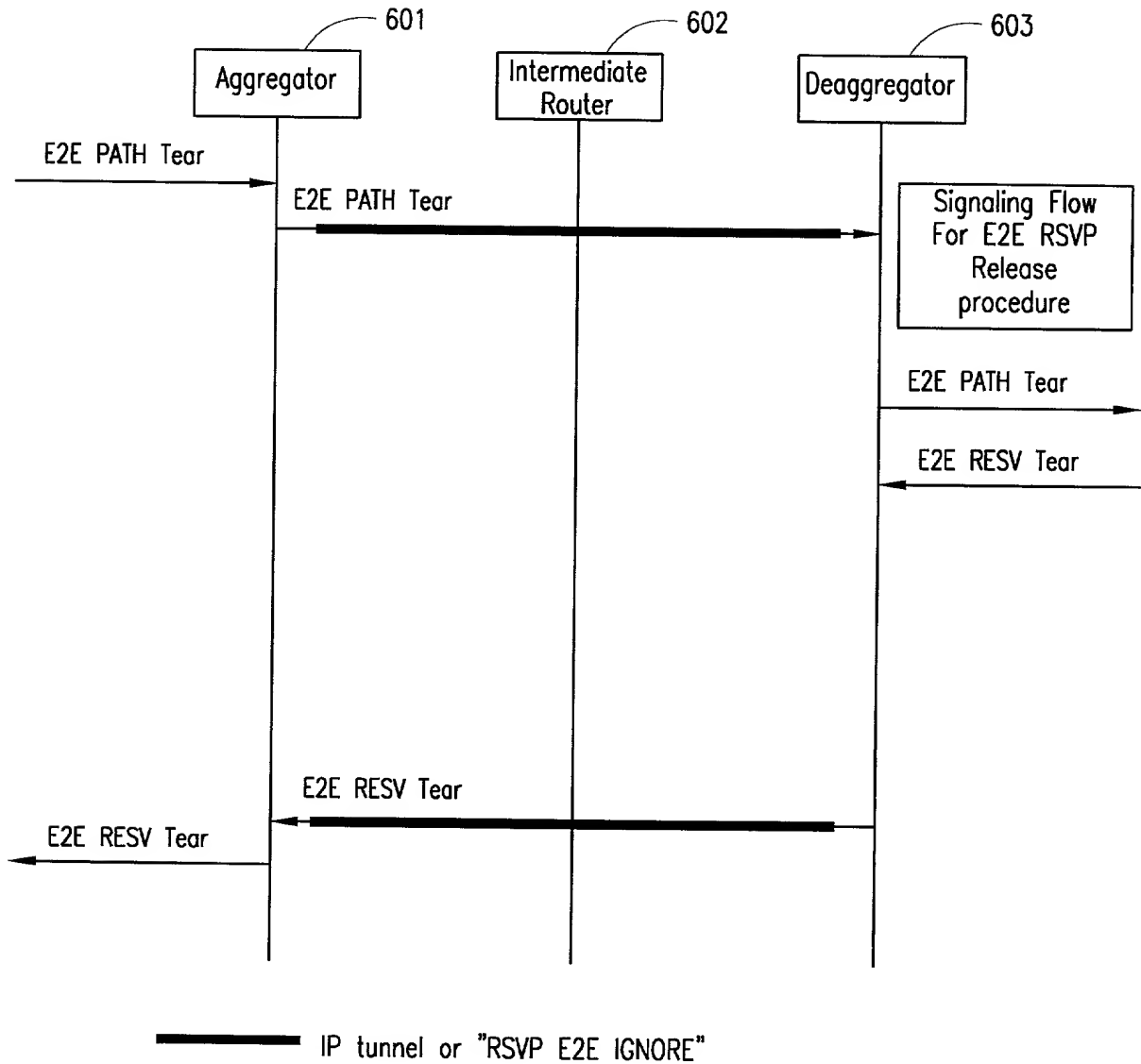
RSVP aggregation signaling flow for subsequent E2E flow
without reservation resizing

FIG. 4



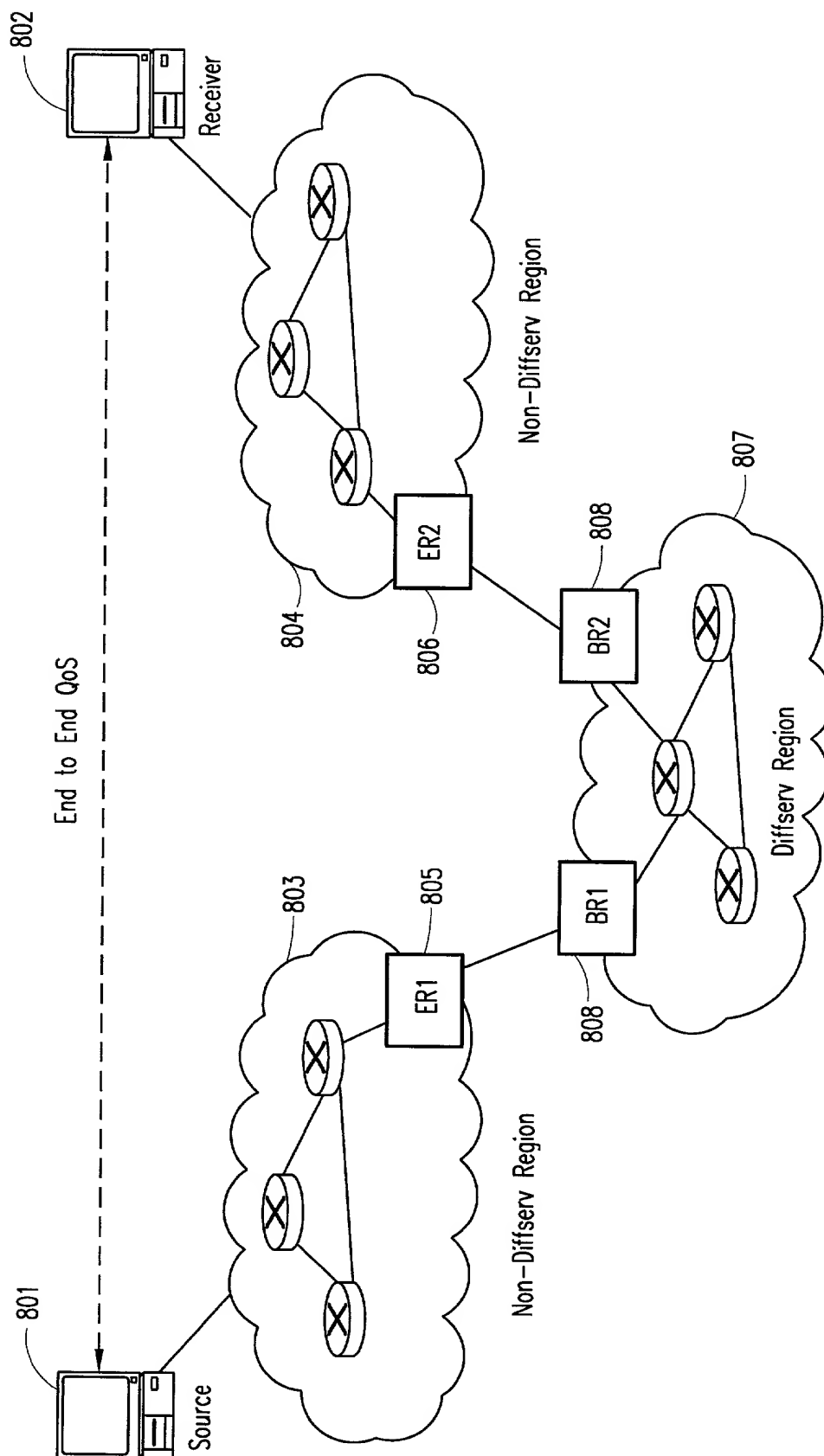
RSVP aggregation signaling flow for subsequent E2E flow
with reservation resizing

FIG. 5



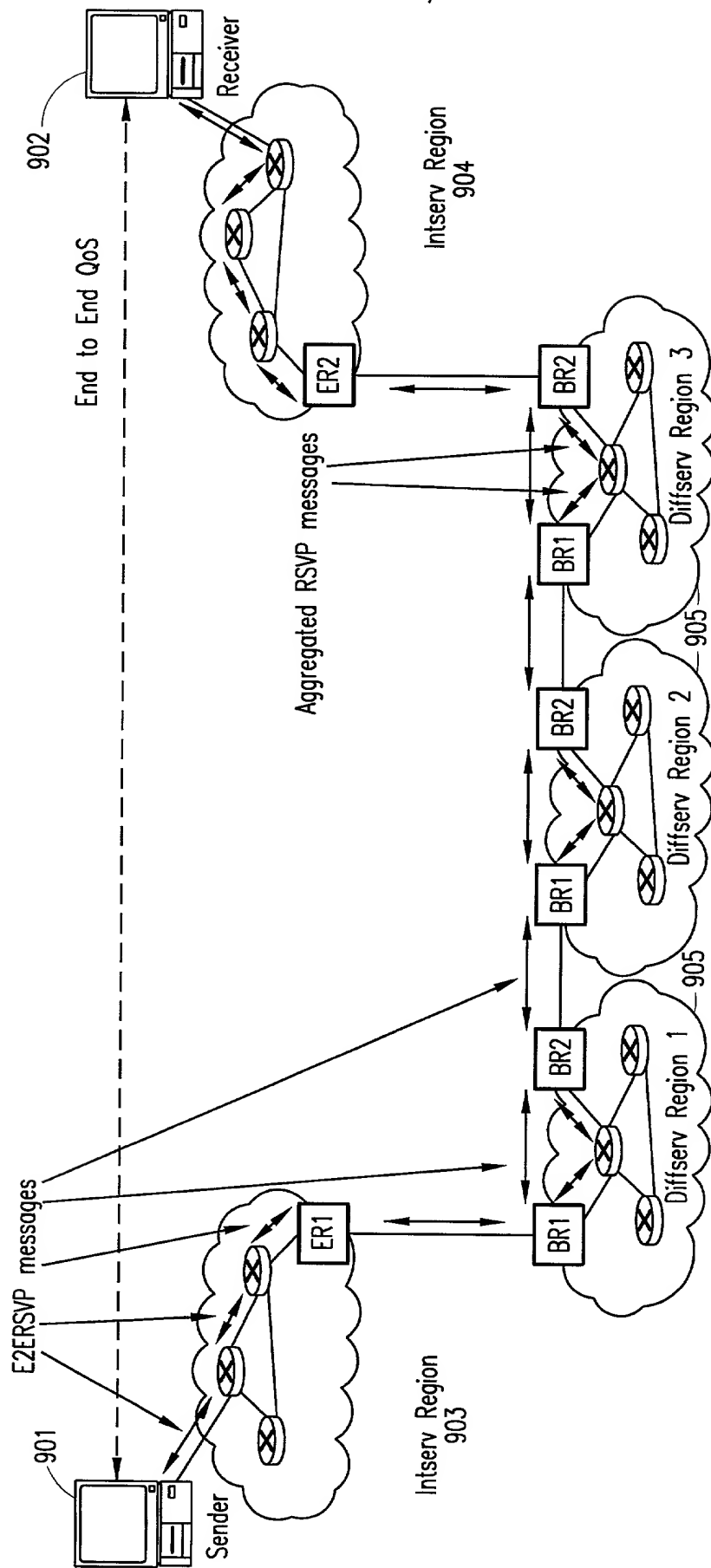
RSVP aggregation signaling flow for E2E release

FIG. 6



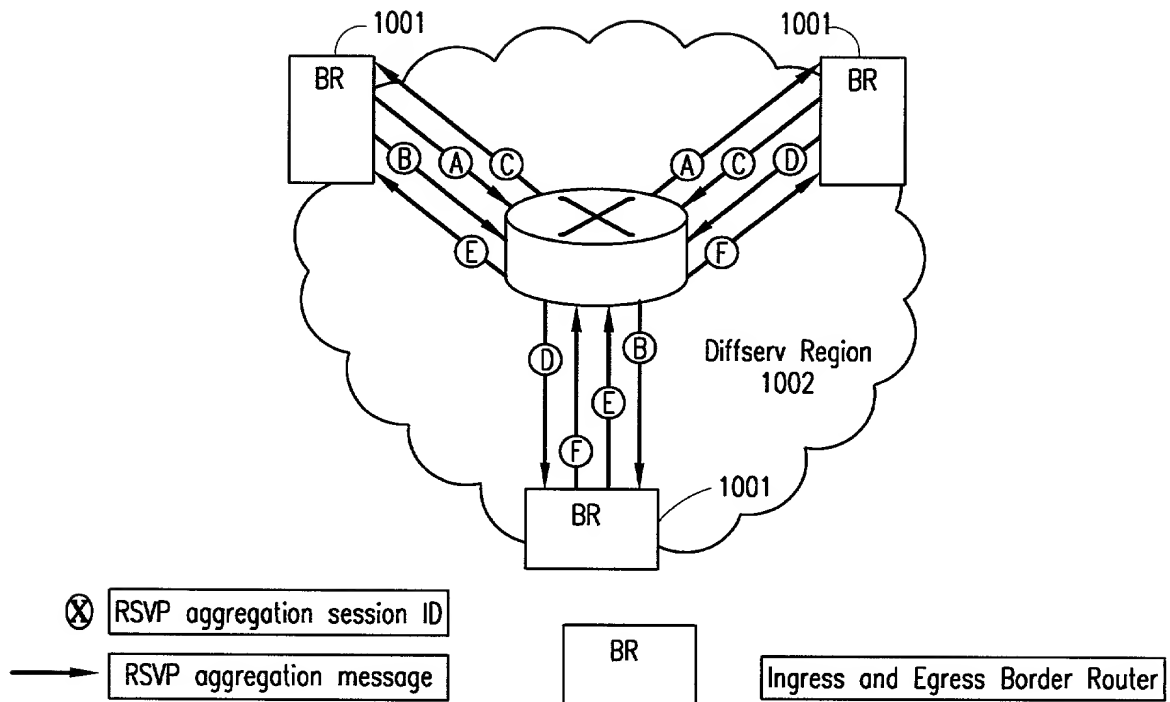
Intserv/Diffserv framework

FIG. 8



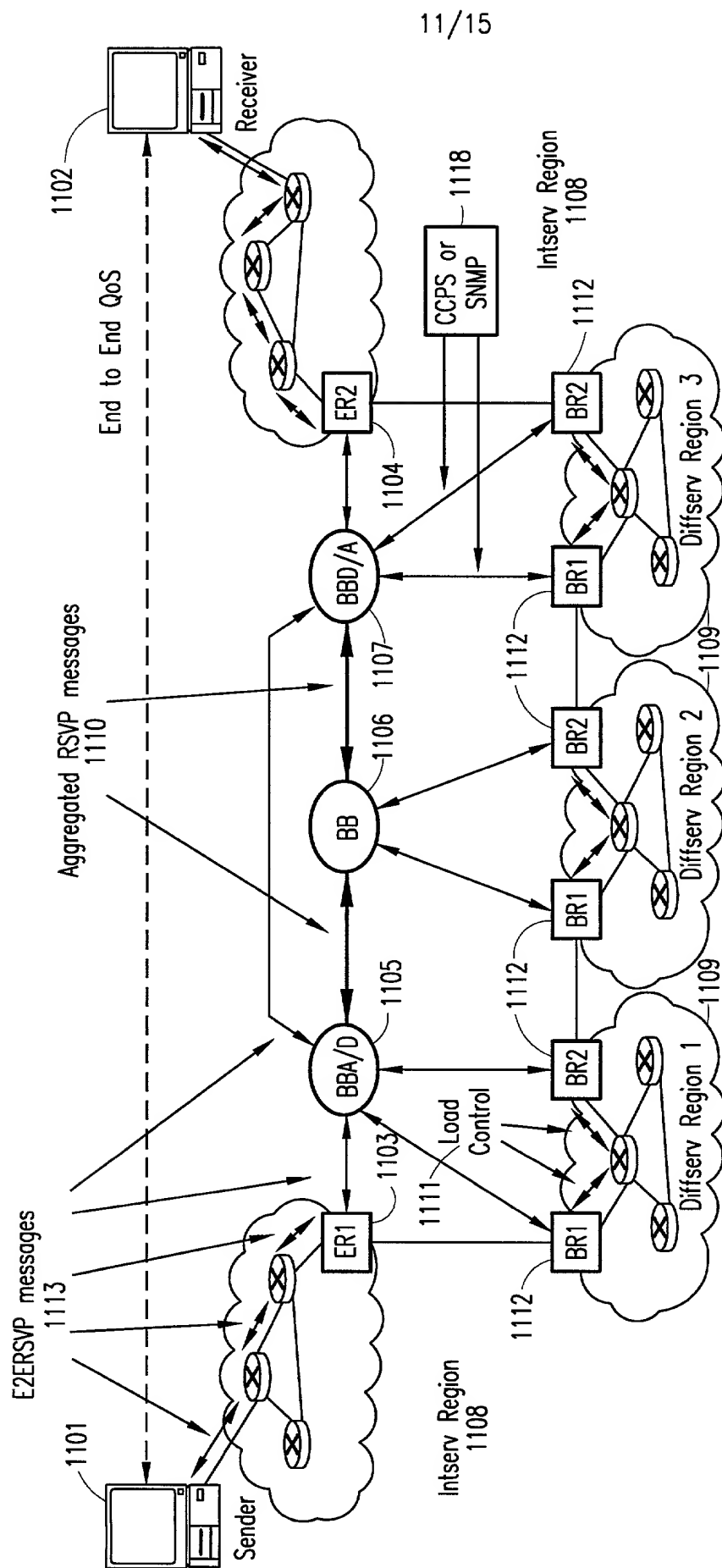
Intserv over Diffserv framework using RSVP aggregation within each Diffserv domain

FIG. 9



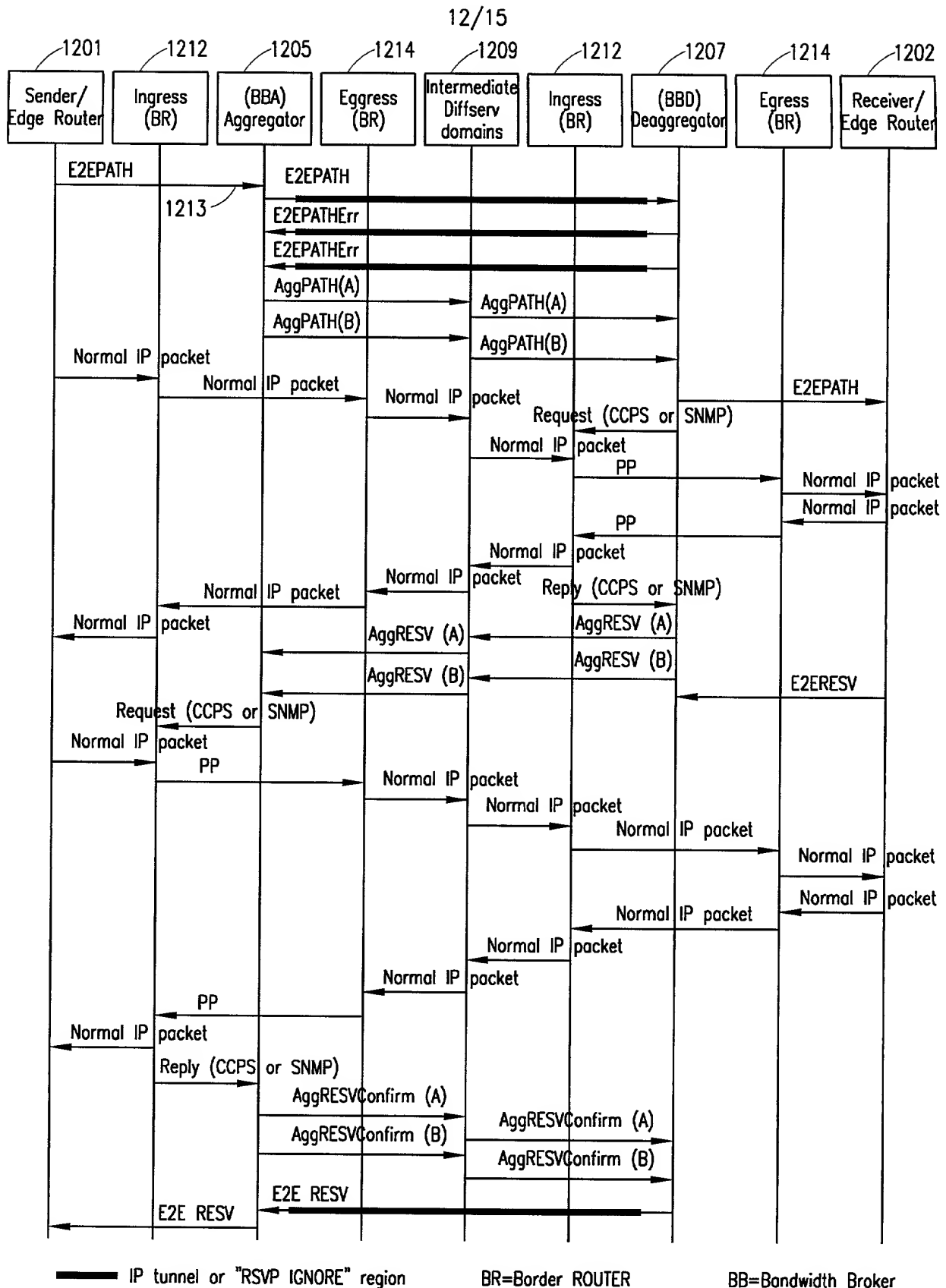
Example of full meshed Diffserv domain with three Border Routers and one Core Router

FIG. 10



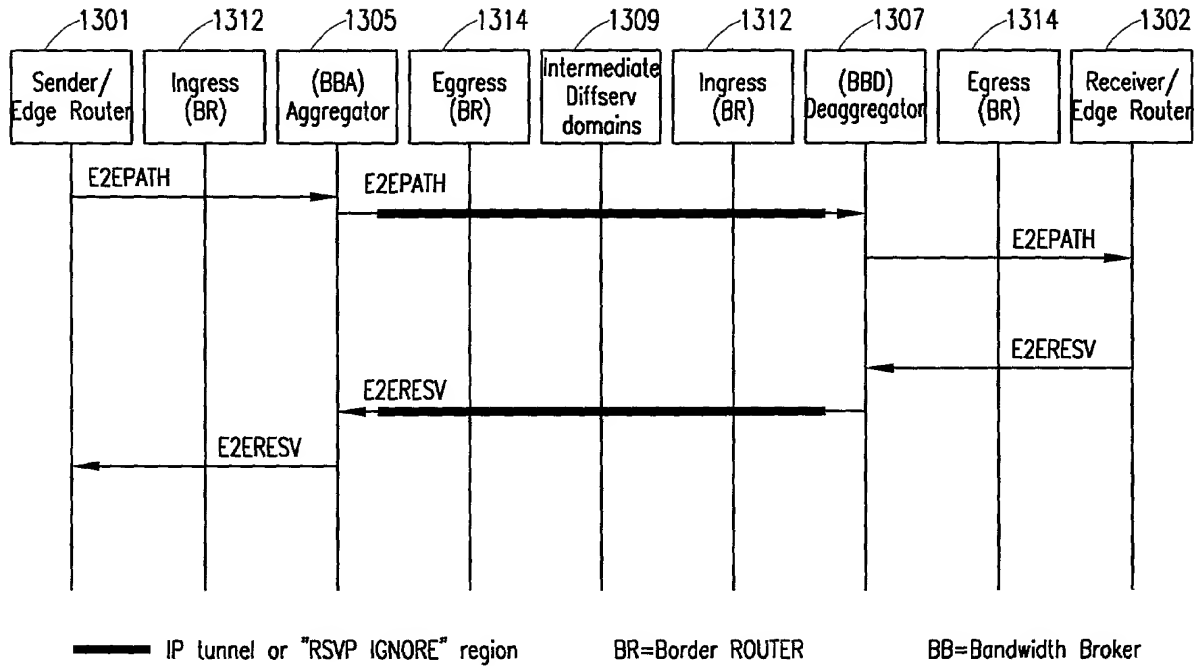
Proposed Intserv/Diffserv framework

FIG. 11



Example of the proposed Intserv/Diffserv operation when RSVP aggregated states are not available in the BB's

FIG. 12



Example of the proposed Intserv/Diffserv operation when RSVP aggregated states are available in the BB's and no resizing is needed

FIG. 13

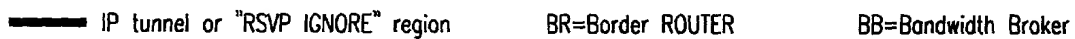
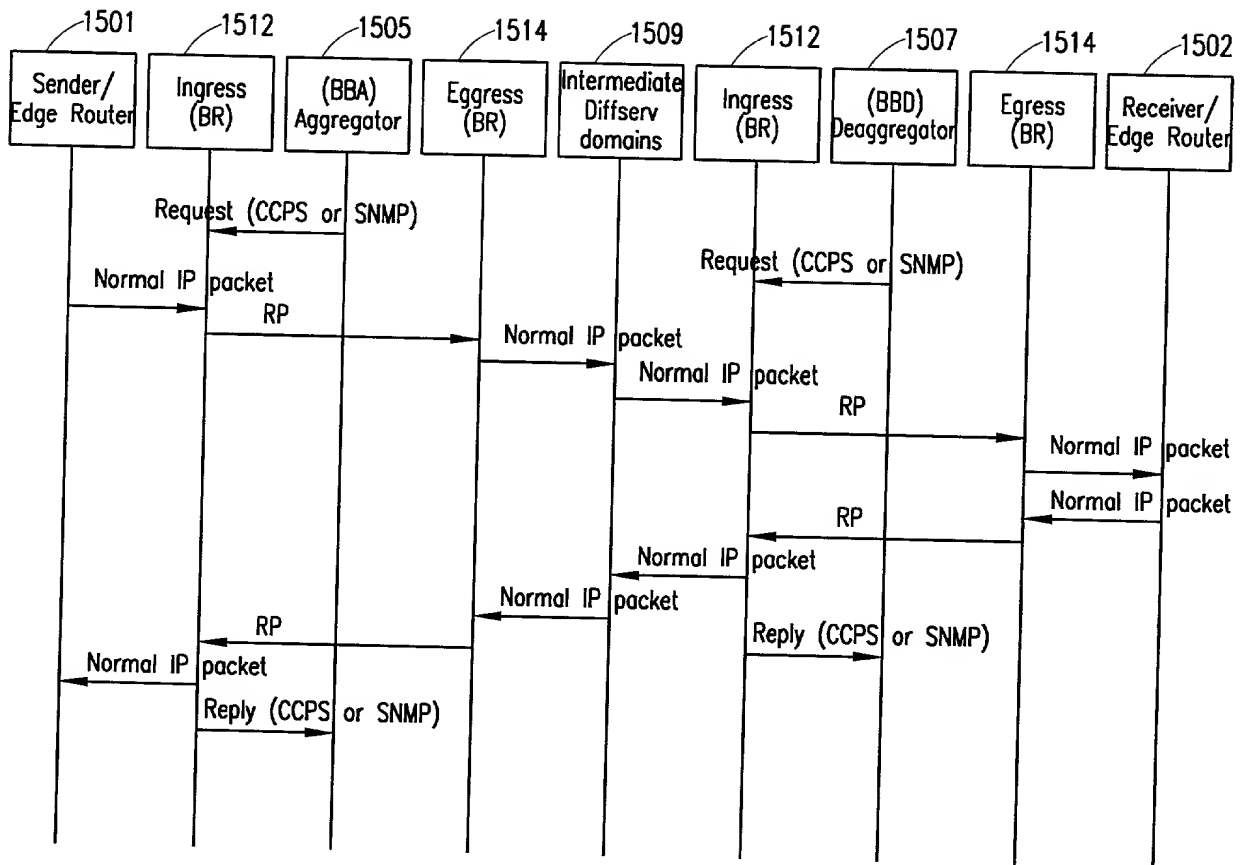


FIG. 14



BR=Border ROUTER

BB=Bandwidth Broker

Example of refreshment of the reserved resources

FIG. 15